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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/029,123	12/19/2001	Moise Gaspard	1400.1374880	2820
25697 7590 01/04/2011 ROSS D. SNYDER & ASSOCIATES, INC. PO BOX 164075 AUSTIN, TX 78716-4075				
EXAMINER TRAN, PHUC H				
ART UNIT 2471		PAPER NUMBER		
MAIL DATE 01/04/2011		DELIVERY MODE PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary****Application No.**

10/029,123

**Applicant(s)**

GASPARD ET AL.

**Examiner**

PHUC TRAN

**Art Unit**

2471

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10-19-2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-34 is/are allowed.
- 6) ☒ Claim(s) 35-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB-08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 35-40 are rejected under 35 U.S.C. 102(e) as being anticipated by Robinson et al. (U.S. Patent No. 6570867 B1).

- With respect to claims 35, and 37, Robinson discloses an apparatus for discovering logical links associated with network devices comprising:

a network management system (Fig. 11) comprising:

a database of managed network devices (block 60 in Fig. 5 shows the database of manager);

a database of logical links associated with the managed network devices (block 25 in Fig. 11 with storing paths);

a network communications system for sending messages to managed network devices and receiving messages from the managed network devices (e.g. data collector 21 to send and receive message from NE 24);

a message analysis system for determining local interface address information and next neighbor address information from messages received from the managed network devices (e.g. the server 22 analysis the paths).

- With respect to claim 36, Robinson further comprises a logical link display for displaying the logical links (e.g. GUI 23 in Fig. 5).

- With respect to claim 38, Robinson discloses a logical link information comparison system for comparing local interface address information and next neighbor address information obtained from messages received by from the managed network devices with endpoint information for the logical links stored in the logical links database (block 60 in Fig. 5).

- With respect to claim 39, Robinson discloses wherein the first and second messages comprise messages using the SNMP protocol (col. 18, lines 23-24; col. 3, lines 2-4).

- With respect to claim 40, Robinson teaches a managed network device identification system for identifying managed network devices associated with the next neighbor address information received from the managed network devices (e.g. block 55, 56 in Fig. 5).

### **Response to Arguments**

3. Applicant's arguments filed 10/19/2010 have been fully considered but they are not persuasive.

- Regarding to Applicant's argument that "Queuing Manager 60 not as a database". Examiner respectfully disagrees. The Queuing Manager 60 for storing/queuing route from DB manager 46, therefore the Queuing manager consider as the database for manager network device.
- Regarding to Applicant's argument that "fails to disclose "a database of logical links associated with said managed network devices" as recited in claim 35. While the Examiner cites "(25 in Fig. 11 with storing paths)" as allegedly disclosing such feature, Applicant sees no teaching in the cited portion of the cited reference as to "(25 in Fig. 11 with storing paths)" disclosing "a database of logical links associated with said". Examiner respectfully disagree, the DB 25 associates with manager server 22 as in Fig. 2 and DB 25 stores links from source to destination (see Fig. 5 and specification).

### **Allowable Subject Matter**

4. Claims 1-34 are allowed.

### **Conclusion**

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUC TRAN whose telephone number is (571)272-3172. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, CHI PHAM can be reached on 57127233179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/PHUC H TRAN/  
Examiner, Art Unit 2416